

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1553775	(waveguide fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 17:09
S2	25	(redgivn ((rare adj earth adj doped) rare-earth-doped (rare-earth adj doped) yb er erbium ytterbium)) near4 nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 17:13
S3	4	redgivn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 17:13
S4	25	((rare adj earth adj doped) rare-earth-doped (rare-earth adj doped) yb er erbium ytterbium) near4 nanocrystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 17:14
S5	7	S4 and (@ad<"20030122" @rlad<"20030122")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 17:15
S6	6	S5 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:43
S7	2	((("5563979") or ("5119460")).PN.	USPAT	OR	OFF	2005/10/19 10:44
S8	19191	(er erbium ytterbium yb (rare adj earth) rare-earth) with dop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/19 10:45

## EAST Search History

S9	2269	((er erbium ytterbium yb (rare adj earth) rare-earth) with dop\$4) same (waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:46
S10	4212	((er erbium ytterbium yb (rare adj earth) rare-earth) with dop\$4) same (waveguide core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:46
S11	501	(nanocrystal) same (waveguide core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:46
S12	543	(nanocrystal nano-crystal) same (waveguide core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:47
S13	20	S12 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 10:47
S14	9	S13 and (@ad<"20030122" @rlad<"20030122")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 13:17
S15	4212	((er erbium ytterbium yb (rare adj earth) rare-earth) with dop\$4) same (waveguide core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 13:18
S16	43	S15 and (nanocrystal nano-crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 13:18

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S17	21	S16 and (@ad<"20030122" @ad<"20030122")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 13:18
S18	3217	waveguide with (pump pumping pumped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 10:48
S19	1211	S18 and ((LED (diode)) same pump\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 10:49
S20	136	S19 and (broadband with (pump\$3 LED diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 10:49
S21	104	S20 and (@ad<"20030122" @rlad<"20030122")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 10:50
S22	14	S21 and (transvers\$3 with pump\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/07 10:51
S23	38496	(waveguide core) same (pump\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:31
S24	50280	(LED diode) same (pump\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:31

## EAST Search History

S25	267688	(LED diode pump\$3) with (vertical above)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:32
S26	2042	S23 and S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:32
S27	57062	(LED diode pump\$3) with (lens lenses focus\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:33
S28	2435956	((LED diode pump\$3) with (plurality plural multiple)) (LEDs diodes pumps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:33
S29	158676	(LED diode pump\$3) with (plurality plural multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:34
S30	405	S26 and S29 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:34
S31	371	S30 and (@ad<"20030122" @rlad<"20030122")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:34
S32	320	S30 and ("385"/\$.ccls. "372"/\$.ccls. )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:36

## EAST Search History

S33	292	S31 and ("385"/\$.ccls. "372"/\$.ccls. )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 09:36
S34	6	((("5667905") or ("6255669") or ("5422907") or ("5637258") or ("5434878") or ("6294401"))).PN.	USPAT	OR	OFF	2005/11/14 08:10
S35	0	((("2002017657") or ("2002070121") or ("2002074565") or ("2002163003") or ("2003034486") or ("2002048289") or ("2004183087"))).PN.	US-PGPUB	OR	OFF	2005/11/14 08:11
S36	0	((2002/017657) or (2002/070121) or (2002/074565) or (2002/163003) or (2003/034486) or (2002/048289) or (2004/183087)).CCLS.	US-PGPUB	OR	OFF	2005/11/14 08:11
S37	0	((2002/0017657) or (2002/0070121) or (2002/0074565) or (2002/0163003) or (2003/0034486) or (2002/0048289) or (2004/0183087)).CCLS.	US-PGPUB	OR	OFF	2005/11/14 08:11
S38	7	((("20020017657") or ("20020070121") or ("20020074565") or ("20020163003") or ("20030034486") or ("20020048289") or ("20040183087"))).PN.	US-PGPUB	OR	OFF	2005/11/14 08:12
S39	1365443	rare-earth (rare adj earth) (erbium ytterbium Er-doped Er Yb-doped Yb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 16:35
S40	19177	S39 with (doped doping dope Er-doped Yb-doped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 16:35
S41	29	S40 with ((nanocrystal\$4 nano-crystal\$4 (nano adj crystal\$4)) with (silicon SiGe Ge germanium (group-iv (group adj (IV four "4")))) Pb lead tin Sn))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 16:37

## EAST Search History

S42	9	S41 same (waveguid\$3 fib\$3 core\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 16:37
S43	3	S42 and (@ad<"20021216" @rlad<"20021216")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 16:38